The Intolerable Burden of Malaria: What's New, What's Needed

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The Intolerable Burden of Malaria: What's New, What's Needed Co-Sponsors

- Multilateral Initiative on Malaria
 - Multiple partners
- Disease Control Priorities in Developing Countries Project
 - Fogarty International Center, NIH
 - World Bank
 - World Health Organization
 - Bill and Melinda Gates Foundation

Workshop Objectives

- Update malaria burden as part of total disease burden
- Present methods for quantifying malaria-induced burdens
- Assess contribution of some malaria-induced clinical syndromes
- Review impact of mosquito transmission on morbidity and mortality

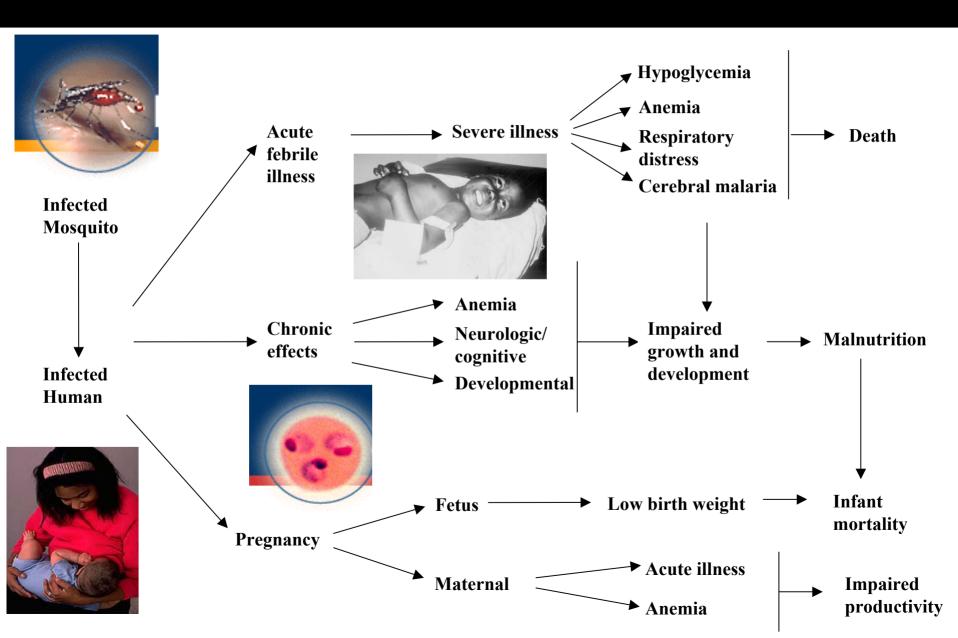
Workshop Objectives (2)

• Consider selected African country experiences in defining, monitoring and reducing burden

• Discuss approaches for determining the economic toll and cost-effective interventions

 Develop a research agenda for defining the burden more accurately

Manifestations of the Malaria Burden



"The Ears of the Hippopotamus" Where Malaria Patients are Managed ... and Die

Hospital	5%
Dispensary	15%

Workshop Agenda (1) Morning

8:00	Welcome: Joel Breman (Fogarty International Center, National Institutes of Health) Opening comments: Ebrahim Samba (WHO/African Regional Office)
	Morning focus: The clinical and epidemiologic impact of malaria in Africa.
	Co-chairs: Fred Binka (INDEPTH Project, Ghana) and Anne Mills (LSHTM)
8:15	The burden of disease in Africa and the contribution of malaria.
	Claudia Stein/Colin Mathers/Alex Rowe (WHO, Geneva; CDC, Atlanta)
	Richard Steketee (CDC, Atlanta)
8:45	Extended phenotype of <i>Plasmodium falciparum</i> in Africa.
	Robert Snow (KEMRI, Wellcome Trust, Kenya)
9:00	Malaria transmission intensity and mortality burden across Africa.
	Ricardo Thompson/Seth Owusu-Agyei/Diadier Diallo/Salim Abdula (Mozambique)
9:15	Questions
9:30	New perspectives on the causes and potential costs of malaria: review of the effect of malaria on performance
	and learning in childhood.
	Penny Holding (Wellcome Trust, KEMRI, Kilifi)
9:45	Plasmodium falciparum as a cause of neuro-disability.
	Charles Newton (Center for Geographic Medicine, KEMRI, Kalifi, Kenya)
10:00	Burden of febrile illness is what health care planners in resource poor countries need in order to better plan
	for malaria treatment.

Irene Ageypong /Jane Kengeya-Kayondo (Dangme West District, Ghana; WHO, Geneva)

Workshop Agenda (2) Morning

10:15	Questions
10:30	Tea
11:00	Relationships between the entomological inoculation rate and malaria morbidity and mortality in Africa.
	Charles Mbogo/John C. Beier (Center for Geographic Medicine, KEMRI, Kilifi, Kenya; Department of Tropical Medicine, School of Tropical Medicine and Public Health, Tulane University)
11:15	The social burden of malaria: What are we measuring?
	Caroline Jones/Holly Williams (LSHTM; CDC, Atlanta)
11:30	The role of modeling in evidence-based malaria control strategies.
	F. Ellis McKenzie (FIC, Bethesda)
11:45	Questions
12:00 - 1:00	Luncheon Video: The Overall Burden of Malaria: Narrowing the Gap
	Jeffrey Sachs (Columbia University)

Workshop Agenda (1) Afternoon

1:00 pm - 4:00 pm

Theme: The economic burden of malaria in Africa and cost-effectiveness of current and future interventions. Co-chairs: Magda Robalo (WHO/AFRO) and Sally Stansfield (Bill and Melinda Gates Foundation, Seattle)

- 1:00 The burden of malaria epidemics and cost-effectiveness of interventions in epidemic situations. Eve Worrall (LSHTM)
- 1:15 Artemesinin-based combination therapy and anti-malaria drug resistance.
 Shun May Yeung/Wirichada Pengtavornpinyo (Wellcome Trust Mahidol-Oxford, Bangkok; LSHTM)
- 1:30 The economics and financing of anti-malarial drug use in Africa.

 Rob Ridley/Rima Shretta (Medecines for Malaria Venture, TDR/WHO; Management Sciences for Health)
- 1:45 Cost-effectiveness of interventions against malaria in Africa. Catherine Goodman (LSHTM)

Workshop Agenda (2) Afternoon

2:00	Questions
2:30	Malaria Control Interventions: Who Should Pay? Kara Hanson (LSHTM)
2:45	Monitoring the impact of roll back malaria in sub-Saharan Africa. Richard Cilbulskis/ (RBM/WHO)
3:00	Do malaria control interventions reach the poor? A view through the equity lens. Lawrence Barat, MD, MPH (World Bank)
3:15	Questions
3:45	Summary and Concluding comments: Gerald Keusch (Fogarty International Center, National Institutes of Health)
4:00	Closure